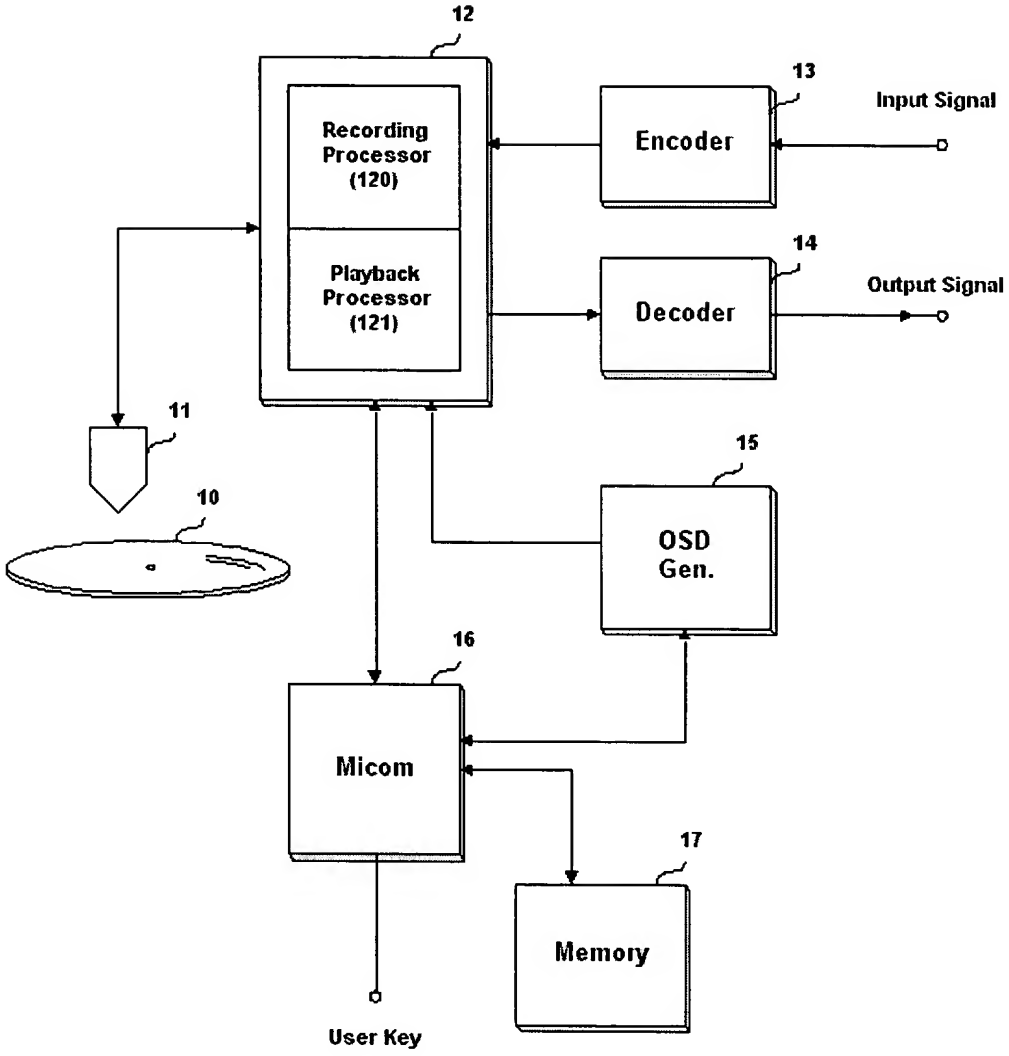
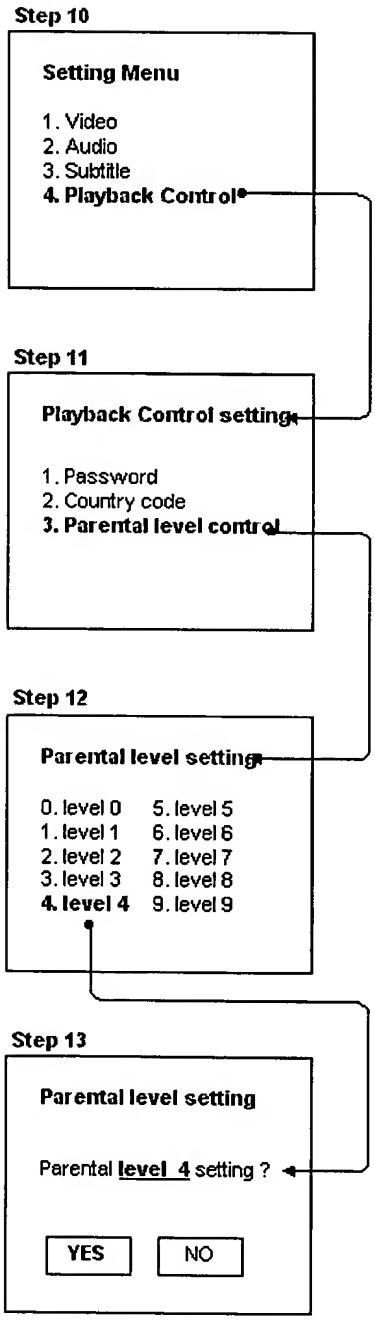
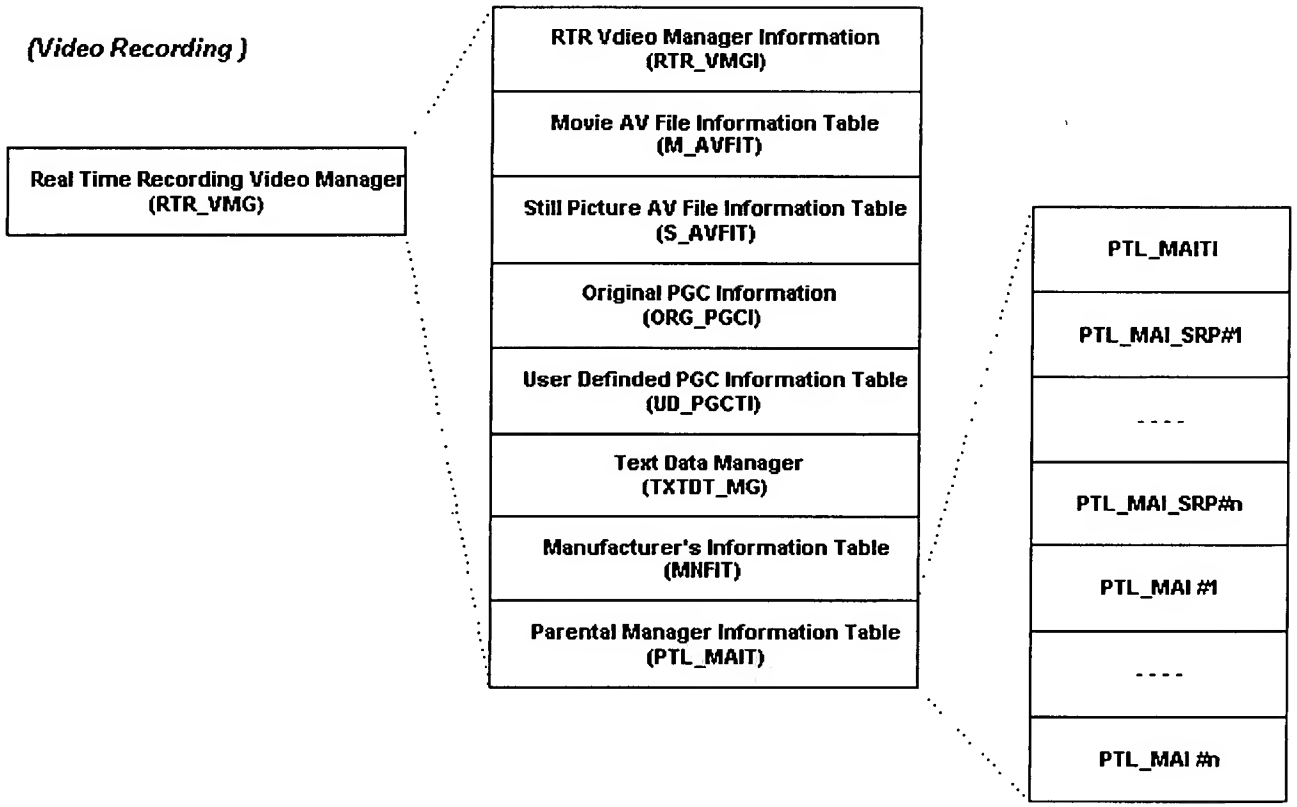
【Fig 1】

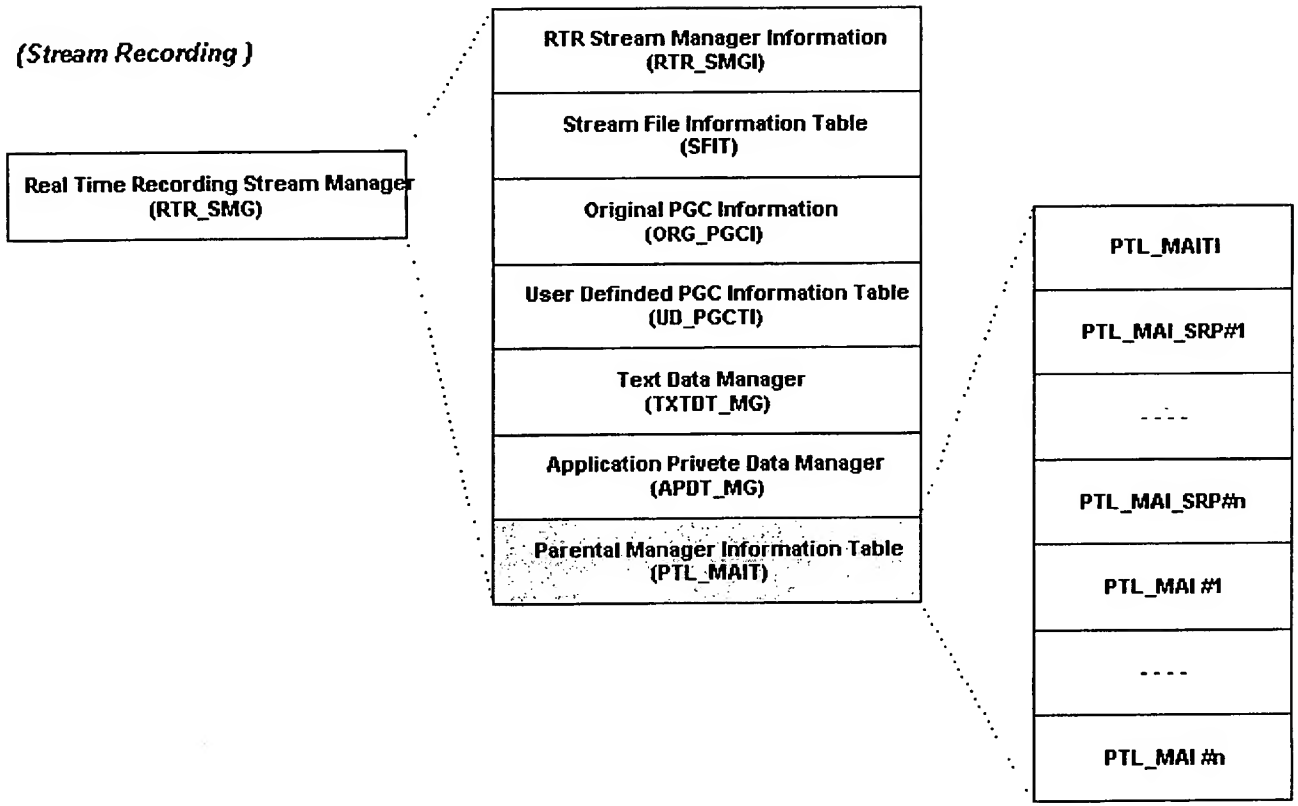

12
Recording Processor (120)
Playback Processor (121)
13
Encoder
Input Signal
14
Decoder
Output Signal
11
10
15
OSD Gen.
16
Micom
17
Memory
User Key

【Fig. 2】


Step 10
Setting Menu
1. Video
2. Audio
3. Subtitle
4. Playback Control
Step 11
Playback Control setting
1. Password
2. Country code
3. Parental level control
Step 12
Parental level setting
0. level 0
1. level 1
2. level 2
3. level 3
4. level 4
5. level 5
6. level 6
7. level 7
8. level 8
9. level 9
Step 13
Parental level setting
Parental level 4 setting ?
YES
NO

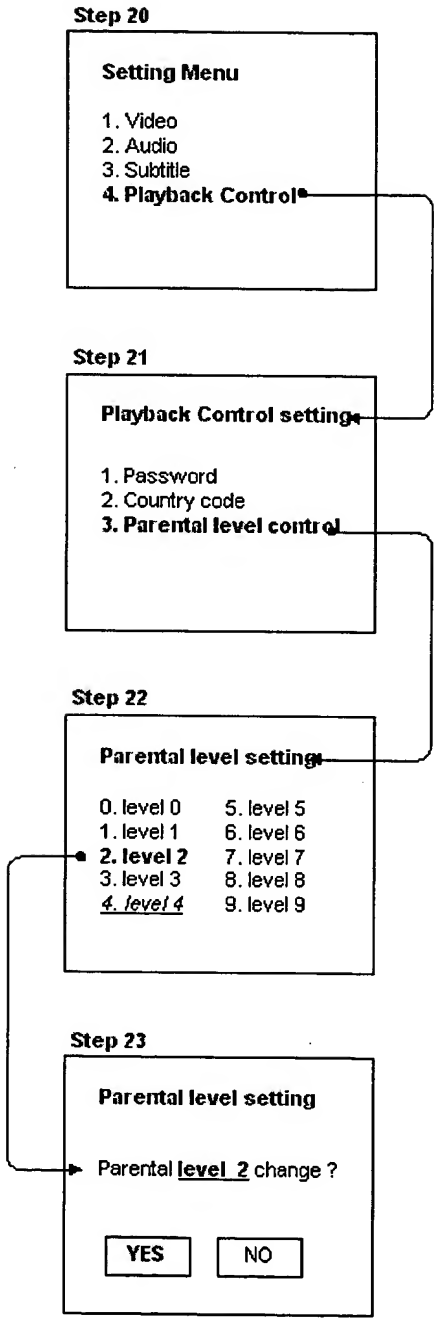

(Video Recording)
Real Time Recording Video Manager
(RTR_VMG)
RTR Vdieo Manager Information
(RTR_VMGI)
Movie AV File Information Table
(M_AVFIT)
Still Picture AV File Information Table
(S_AVFIT)
Original PGC Information
(ORG_PGCI)
User Definded PGC Information Table
(UD_PGCTI)
Text Data Manager
(TXTDT_MG)
Manufacturer's Information Table
(MNFIT)
Parental Manager Information Table
(PTL_MAIT)
PTL_MAITI
PTL_MAI_SRP#1
- - - -
PTL_MAI_SRP#n
PTL_MAI #1
- - - -
PTL_MAI #n

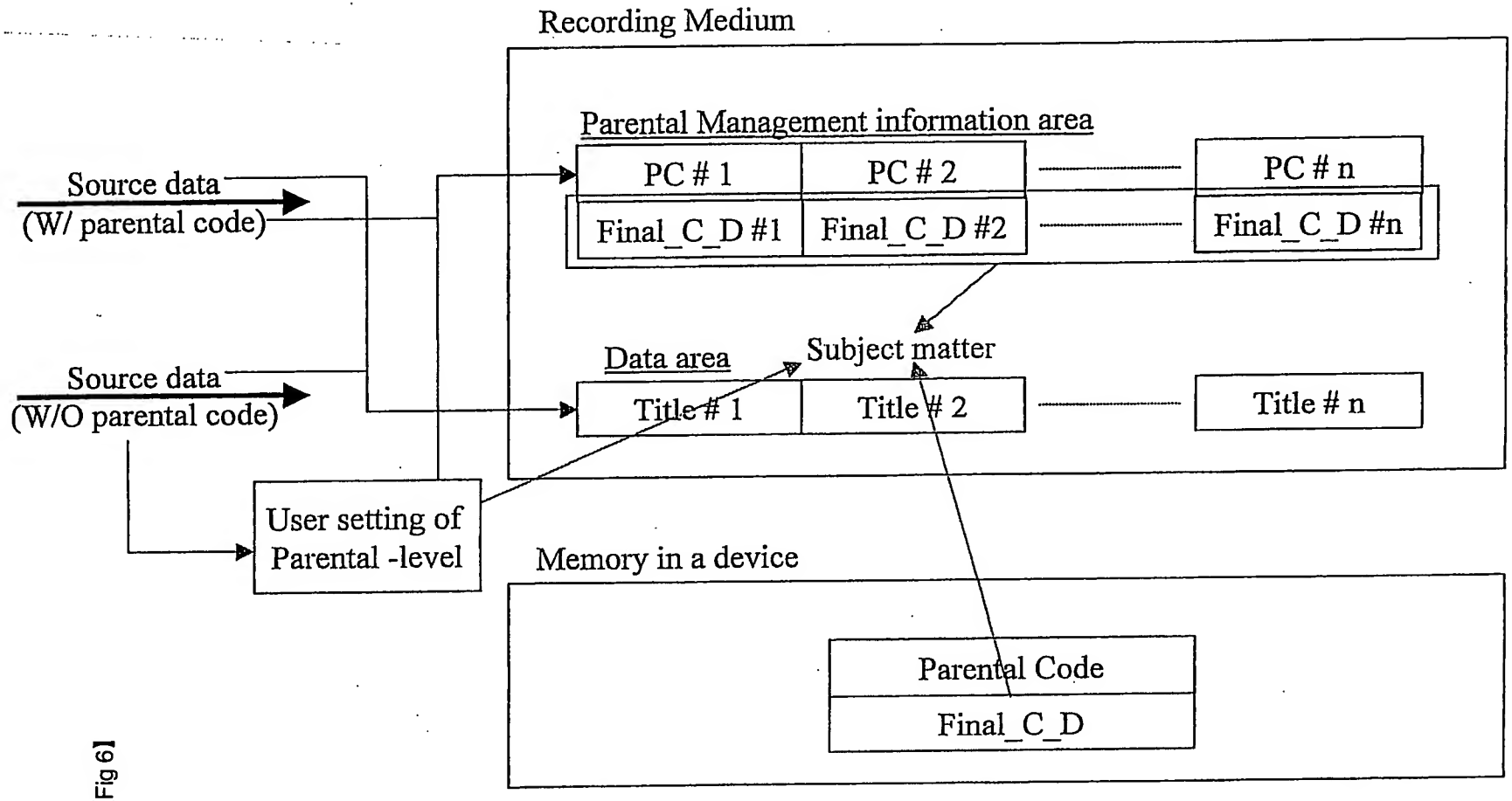
[Fig. 3]


(Stream Recording)
Real Time Recording Stream Manager
(RTR_SMG)
RTR Stream Manager Information
(RTR_SMGI)
Stream File Information Table
(SFIT)
Original PGC Information
(ORG_PGCI)
User Definded PGC Information Table
(UD_PGCTI)
Text Data Manager
(TXTDT_MG)
Application Privete Data Manager
(APDT_MG)
Parental Manager Information Table
(PTL_MAIT)
PTL_MAITI
PTL_MAI_SRP#1
- - - -
PTL_MAI_SRP#n
PTL_MAI #1
- - - -
PTL_MAI #n

[Fig 4]

【Fig 5】


Step 20
Setting Menu
1. Video
2. Audio
3. Subtitle
4. Playback Control
Step 21
Playback Control setting
1. Password
2. Country code
3. Parental level control
Step 22
Parental level setting
0. level 0
1. level 1
2. level 2
3. level 3
4. level 4
5. level 5
6. level 6
7. level 7
8. level 8
9. level 9
Step 23
Parental level setting
Parental level 2 change ?
YES
NO


Recording Medium
Parental Management information area
PC # 1
PC # 2
PC # n
Final_C_D #1
Final_C_D #2
Final_C_D #n
Source data
(W/ parental code)
Source data
(W/O parental code)
Data area
Subject matter
Title # 1
Title # 2
Title # n
User setting of
Parental -level
Memory in a device
Parental Code
Final_C_D

[Fig 6]